

FIG. 1

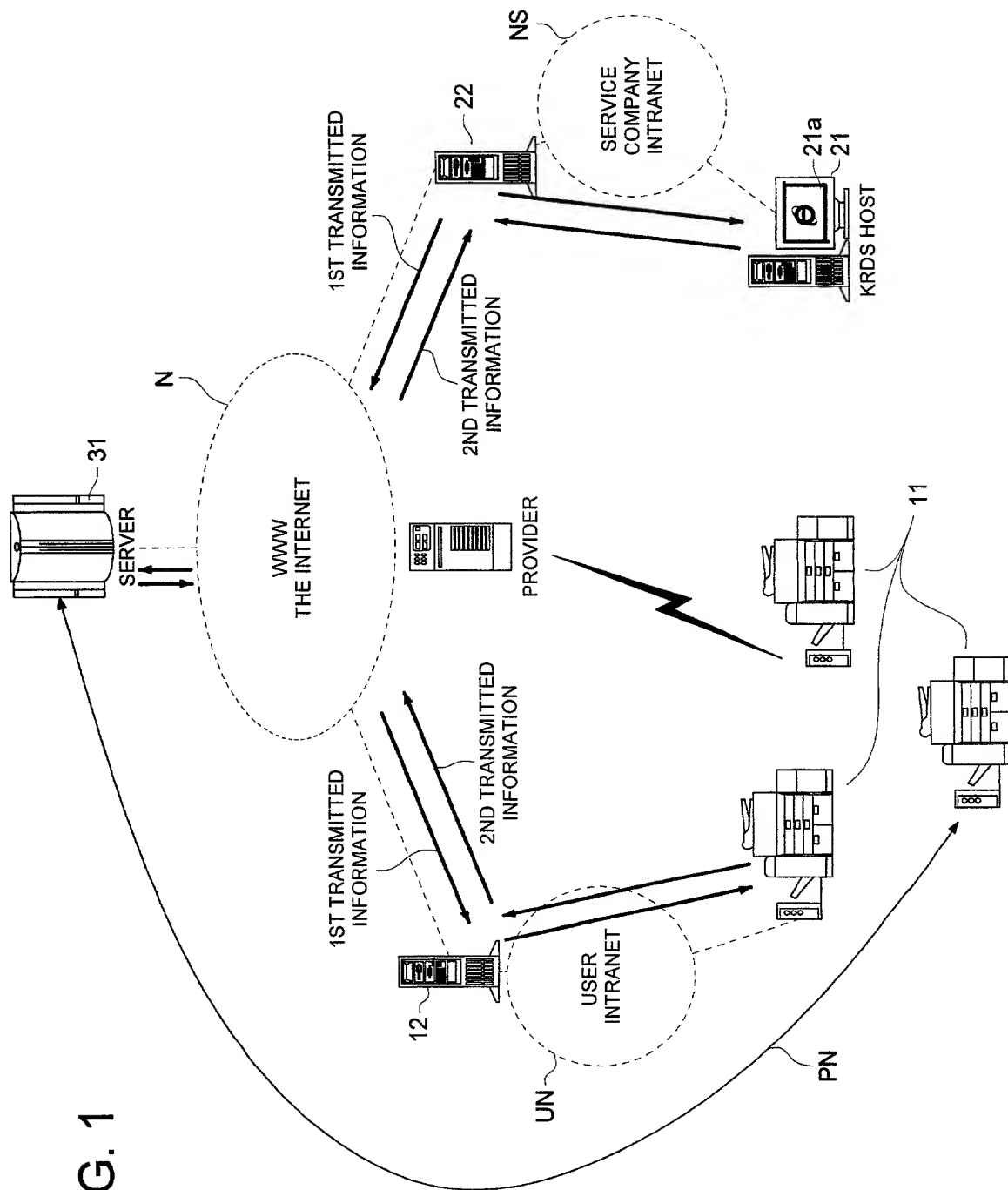
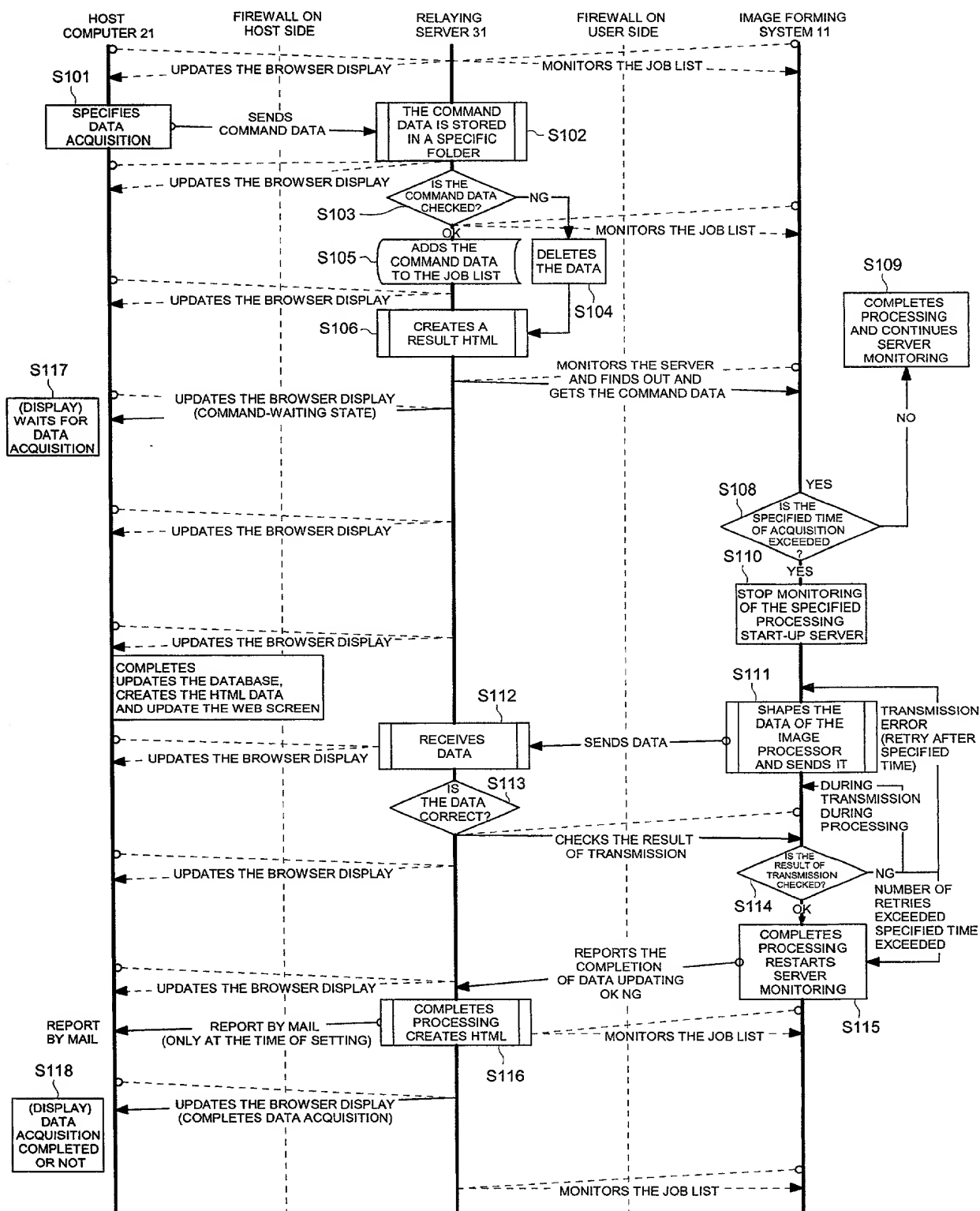


FIG. 2

## INHERENT DATA ACQUISITION PROCEDURE FROM FROM THE IMAGE PROCESSOR



**FIG. 3**

EXAMPLES OF INHERENT DATA

	COUNT NAME	DETAILED EXPLANATION
COUNT-RELATED INFORMATION (COUNT FOR MACHINE MAINTENANCE AND ACCOUNTING)	TOTAL COUNT	TOTAL COUNT OF COPIED OR PRINTED TRANSFER SHEETS
	COUNT BY PAPER SIZE	COUNT BY THE SIZE OF USED TRANSFER PAPER
	COUNT BY DEPARTMENT (INDIVIDUAL)	COUNT BY USER DEPARTMENT (INDIVIDUAL)
	COUNT BY COPY, PRINTER, FAX AND SCANNER	COUNT OF USES BY MODE
	COUNT BY USER UTILIZATION MODE	COUNT BY MODE EMPLOYED BY THE USER (SIMPLEX/DUPLEX, STAPLE, ETC.)
	NUMBER OF ADF SHEETS FED	NUMBER OF COPIED DOCUMENTS PASSING THROUGH THE ADF
	PM COUNT	COUNT AS A REFERENCE FOR PERIODIC INSPECTION BY CE
	DRUM COUNT	COUNT OF DRUM USES
	OPTIONAL REPLACEMENT PARTS COUNT	COUNT OF USES OF THE PARTS WHICH CAN BE ASSIGNED OPTIONALLY BY CE (EMPLOYED AS A REFERENCE FOR REPLACEMENT INTERVAL)
	FIXED REPLACEMENT PARTS COUNT	COUNT OF USES OF THE PARTS DETERMINED AT THE TIME OF SHIPMENT FROM THE FACTORY (EMPLOYED AS A REFERENCE FOR REPLACEMENT INTERVAL)
INFORMATION FOR COPIER IDENTIFICATION (INFORMATION FOR IDENTIFICATION AND MANAGEMENT OF THE COPIER)	SERIAL NUMBER OF THE MAIN BODY	BASIC MACHINE MANUFACTURING NUMBER
	OPTIONAL SERIAL NUMBER	OPTIONAL MANUFACTURING NUMBER
	OPTIONAL CONFIGURATION INFORMATION	OPTIONAL INSTALLATION CONFIGURATION INFORMATION
	MAIN ROM VERSION	CONTROL PROGRAM VERSION INFORMATION
	OPTIONAL ROM VERSION	CONTROL PROGRAM VERSION INFORMATION
EMERGENCY AND REGULAR CALL INFORMATION (HOST CALL INFORMATION)	COUNT AT THE TIME OF EMERGENCY AND REGULAR CALL	TOTAL COUNT OF COPIER AT THE TIME OF HOST CALL
	DATE AND TIME FOR EMERGENCY AND REGULAR CALL	DATE AND TIME FOR HOST CALL
	DETAILS OF EMERGENCY AND REGULAR CALL	DETAILS OF HOST CALL
REGULAR CALL SETTING INFORMATION (SETTING INFORMATION FOR REGULAR CALL)	REGULAR COUNT CALL SETTING	SETTING INFORMATION TO CALL HOST FOR EACH REGULAR COUNT
	REGULAR CALL OF DATE AND TIME	SETTING INFORMATION TO CALL HOST FOR REGULAR DATE AND TIME
JAM/SC INFORMATION (PAPER JAMMING AND SERVICE CALL INFORMATION)	JAM/SC COUNT	NUMBER OF OCCURRENCES OF JAM/SC
	DATE AND TIME OF OCCURRENCE OF JAM/SC	DATE AND TIME WHEN JAM/SC OCCURS
	JAM/SC DESCRIPTION	INFORMATION ON THE PLACE WHERE JAM/SC HAS OCCURRED
	JAM/SC LOG	HISTORICAL INFORMATION ON THE DATE AND TIME OF OCCURRENCE OF JAM/SC AND THE DETAILS
ADJUSTMENT DATA (PARAMETER FOR EACH CONTROL)	MACHINE ADJUSTMENT DATA	MACHINE CONTROL PARAMETER (QUALITY CONTROL)
	SETTING OF FAX COMMUNICATIONS FUNCTION	FAX COMMUNICATIONS PARAMETER
	SYSTEM SETUP DATA	REMOTE CONTROL SYSTEM PARAMETER
COMMUNICATIONS LOG	COMMUNICATIONS MANAGEMENT REPORT	FAX/REMOTE DIAGNOSIS COMMUNICATIONS LOG INFORMATION
USER SETUP DATA	USER SETUP DATA	DATA SET BY THE USER (SUCH AS ABBREVIATED DIALING)
VARIOUS SETUP DATA	HOST SELECTION NUMBER	SELECTION INFORMATION OF TELEPHONE NUMBER, IP ADDRESS, URL, ETC.
	IDENTIFICATION PASSWORD	RELATED MACHINE AND HOST IDENTIFICATION PASSWORD FOR SECURITY

FIG. 4

PROCEDURES TO UPDATE DATA INHERENT TO THE IMAGE PROCESSOR

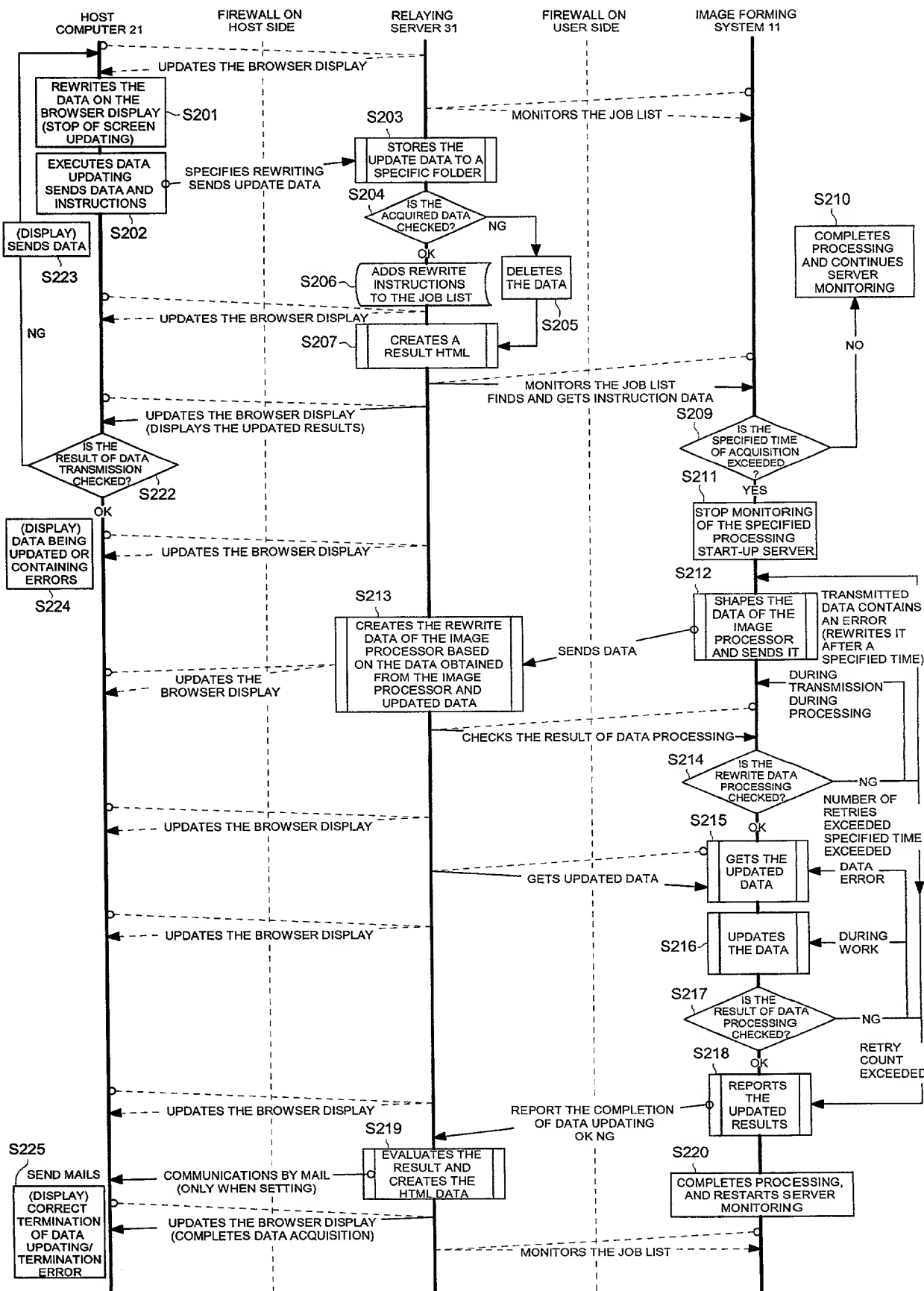
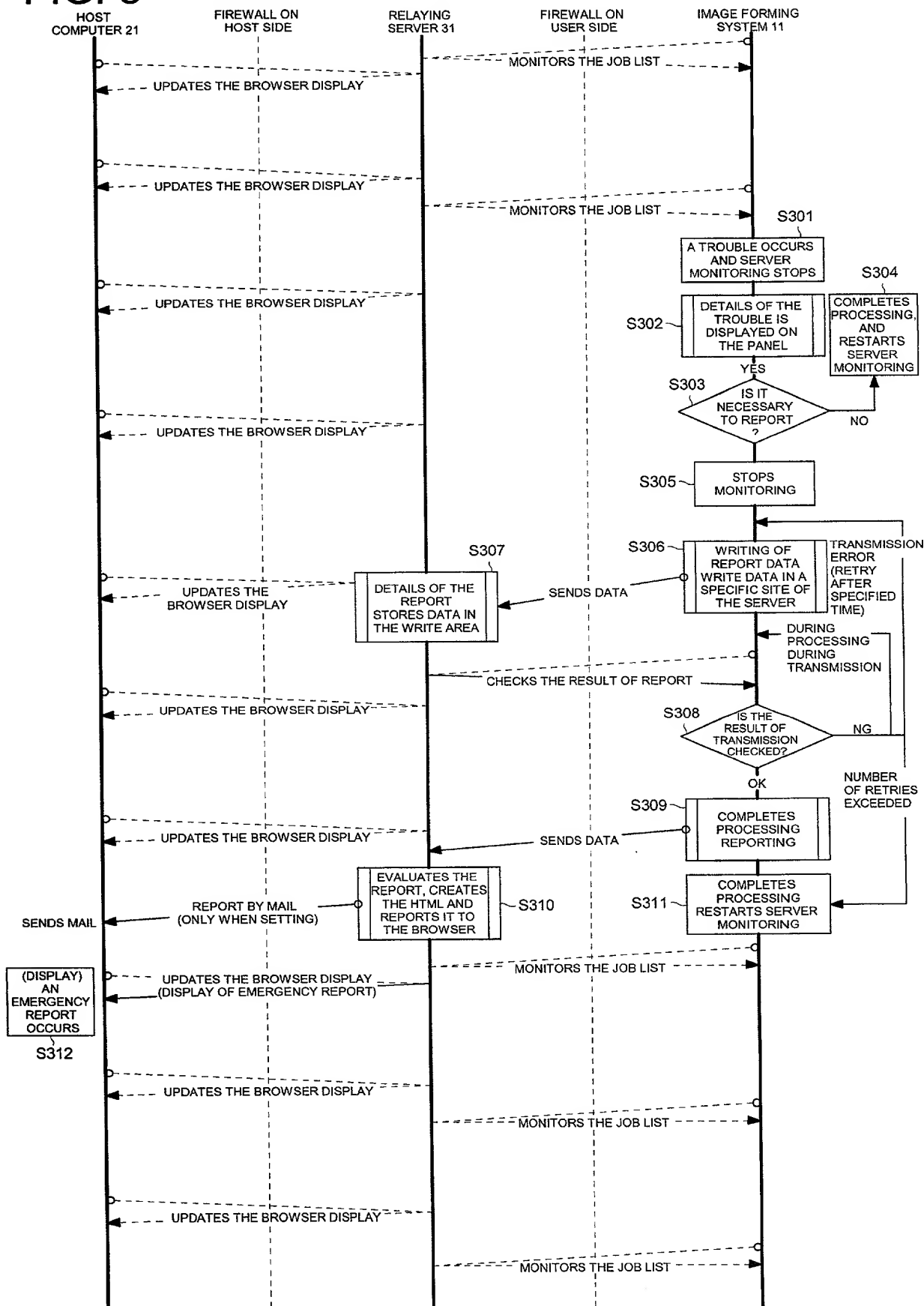
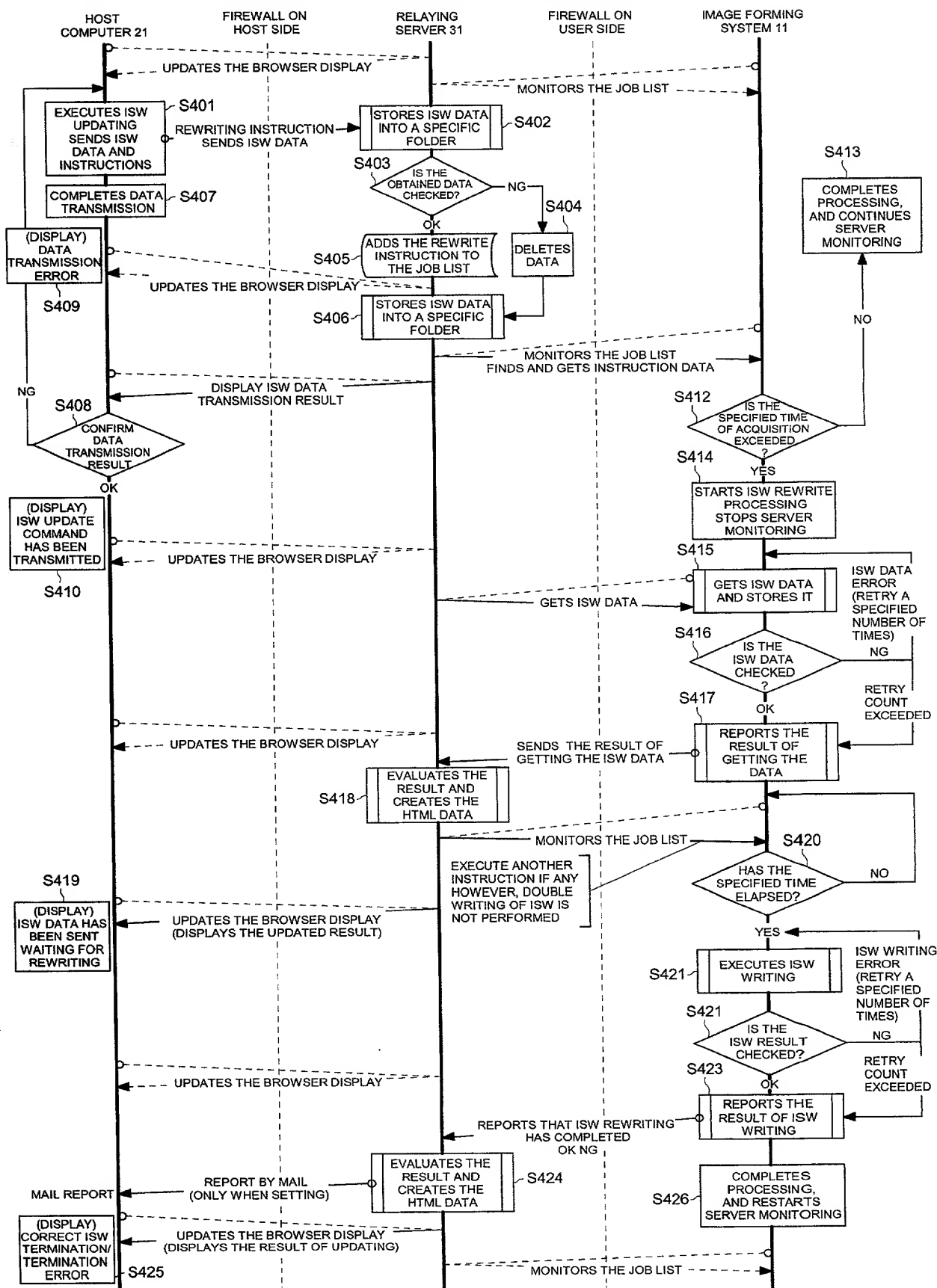


FIG. 5

PROCEDURES TO RECEIVE EMERGENCY REPORTS FROM THE IMAGE PROCESSOR



## PROCEDURES TO UPDATE PROGRAM DATA OF THE IMAGE PROCESSOR



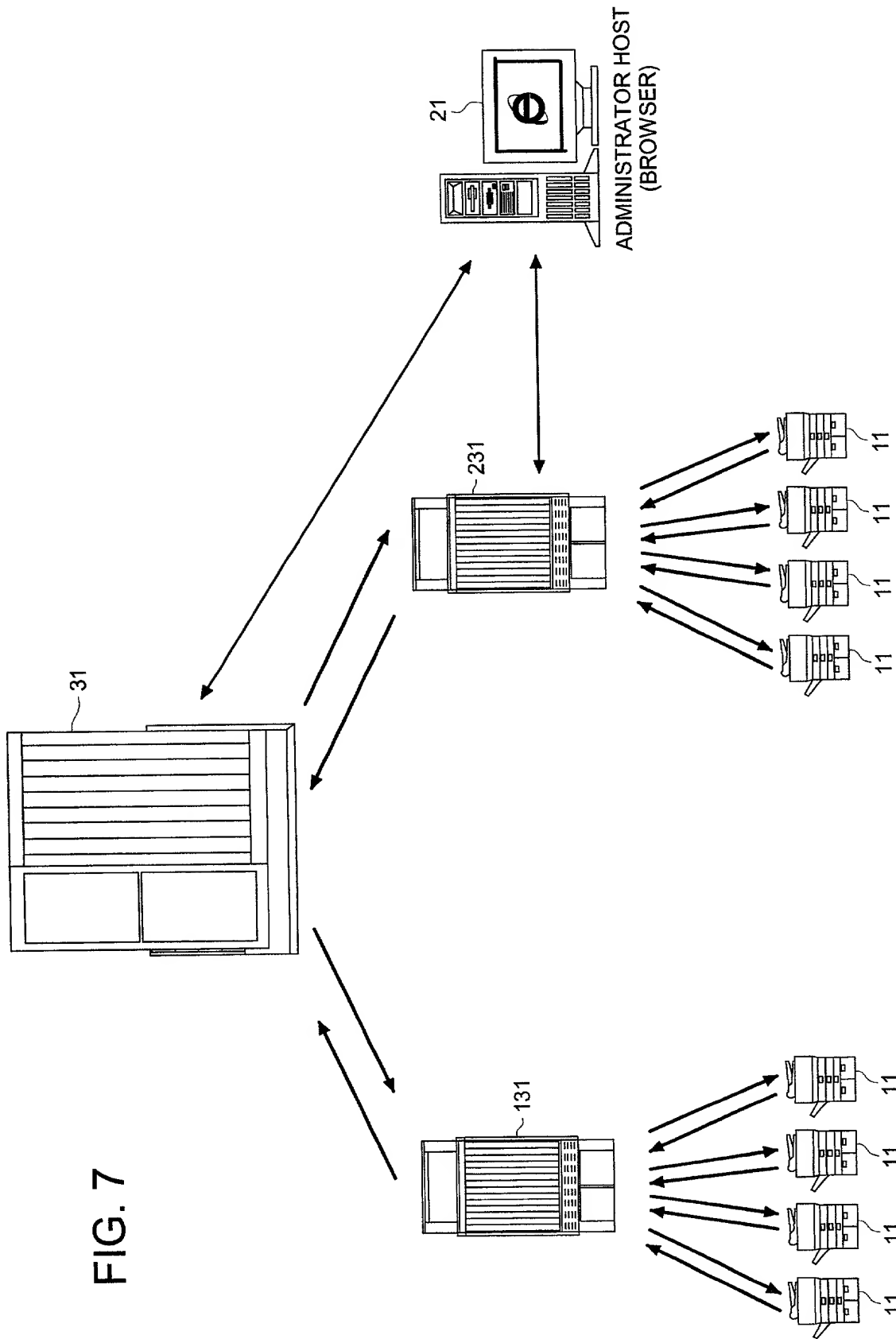


FIG. 7

FIG. 7

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sequenceDiagram
    participant HC as HOST COMPUTER 21
    participant FH as FIREWALL ON HOST SIDE
    participant PS as PARENT SERVER 31
    participant CS as CHILD SERVER 131
    participant FU as FIREWALL ON USER SIDE
    participant IS as IMAGE FORMING SYSTEM 11

    Note over HC: S501
    HC->>PS: UPDATES THE BROWSER DISPLAY
    Note over PS: S502
    PS->>CS: MONITORS THE JOB LIST
    Note over PS: S503
    PS->>CS: MONITORS THE JOB LIST
    Note over PS: S504
    PS->>HC: UPDATES THE BROWSER DISPLAY (DISPLAYS THE RESULT OF UPDATING)
    Note over PS: S505
    PS->>CS: MONITORS THE JOB LIST
    Note over PS: S506
    PS->>CS: MONITORS THE JOB LIST
    Note over PS: S507
    PS->>CS: MONITORS THE JOB LIST
    Note over PS: S508
    PS->>HC: UPDATES THE BROWSER DISPLAY (DISPLAYS THE RESULT OF UPDATING)
    Note over PS: S509
    PS->>CS: MONITORS THE JOB LIST
    Note over PS: S510
    PS->>CS: MONITORS THE JOB LIST
    Note over PS: S511
    PS->>CS: MONITORS THE JOB LIST
    Note over PS: S512
    PS->>CS: MONITORS THE JOB LIST
    Note over PS: S513
    PS->>HC: UPDATES THE BROWSER DISPLAY (DISPLAYS THE RESULT OF UPDATING)
    Note over PS: S514
    PS->>CS: MONITORS THE JOB LIST
    Note over PS: S515
    PS->>CS: MONITORS THE JOB LIST
    Note over PS: S516
    PS->>CS: MONITORS THE JOB LIST
    Note over PS: S517
    PS->>CS: MONITORS THE JOB LIST
    Note over PS: S518
    PS->>CS: MONITORS THE JOB LIST
    Note over PS: S519
    PS->>HC: UPDATES THE BROWSER DISPLAY (DISPLAYS THE RESULT OF UPDATING)
    Note over PS: S520
    PS->>CS: MONITORS THE JOB LIST
    
```

The sequence diagram illustrates the process of ISW rewriting and monitoring across five lifelines: Host Computer 21, Firewall on Host Side, Parent Server 31, Child Server 131, and Firewall on User Side. The process involves multiple steps (S501-S520) including updating browser displays, checking ISW data, monitoring job lists, and reporting results.

- Host Computer 21:** Executes ISW updating, sends ISW data and instruction, updates the browser display, and completes ISW rewriting.
- Parent Server 31:** Checks the ISW data and creates the HTML data, monitors the job list, evaluates the result and creates the HTML data, and reports the result of getting ISW data.
- Child Server 131:** Checks the ISW data instruction, gets ISW data, checks the ISW data and creates the HTML data, monitors the job list, finds and gets instruction data, evaluates the result and creates the HTML data, and reports the result of ISW rewriting.
- Image Forming System 11:** Checks the ISW data instruction, gets ISW data, checks the ISW data and reports the result, and completes processing and restarts server monitoring.



FIG. 9

新しいページ 1

ファイル(F) 編集(E) 表示(V) お気に入り(A) ツール(T) ヘルプ(H)

戻る 進む 中止 変更 ホーム 検索 お気に入り 履歴 メール 印刷 編集 印刷

アドレス(D) F:\New\ISW\RDSC\Doc\sample.html 移動 リンク

### STATUS OF COPIER INSTRUCTION

2000/04/25  
0920

SERIAL NO	INSTALLED AT	INSTRUCTION	DATA TYPE	MANAGEMENT SERVER	INSTRUCTION HOST	INSTRUCTION TIME	EXECUTION TIME	PROCESSING STATUS		
55VX00142		GETDATA	KRDS	102.12.0.1	KBJ001	QUICK	-	CORRECT	DETAILS	DELETE
55VX00311		UPDATE	HELP	155.214.0.22	KBJ999	4/25 09:00	QUICK	TERMINATION	DETAILS	DELETE
55VX09339		GET DATA	KRDS	102.12.0.1	KBJ001	4/25 09:15	-	CORRECT	DETAILS	DELETE
55VX02329		UPDATE	ISW	102.12.0.1	KBJ001	4/25 09:15	4/26 01:00	TERMINATION	DETAILS	DELETE
55VX00001		GET DATA	KRDS	102.12.0.1	KBJ001	QUICK	-	ERROR	DETAILS	DELETE
55VX00032		GET DATA	KRDS	102.12.0.1	KBJ001	QUICK	-	WAITING FOR UPDATING	DETAILS	DELETE
55VX00102		UPDATE	KRDS	102.12.0.1	KBJ001	4/25 10:30	QUICK	GETTING DATA	DETAILS	DELETE
55VX00011		UPDATE	HELP	102.12.0.1	KBJ001	4/25 12:00	4/26 01:00	WAITING	DETAILS	DELETE
55VX09999		GET DATA	KRDS	102.12.0.1	KBJ999	4/25 13:00	-	WAITING	DETAILS	DELETE
55VX09929		UPDATE	ISW	102.12.0.1	KBJ001	4/25 13:15	4/26 01:00	WAITING	DETAILS	DELETE
55VX12299		UPDATE	KRDS	102.12.0.1	KBJ001	4/25 13:30	4/26 01:00	WAITING	DETAILS	DELETE

PREVIOUS PAGE NEXT PAGE

UPDATING RETURNS TO THE MENU SCREEN

ページが表示されました マイコンピュータ